

## Patent Claims

1. A method for checking data transmission between at  
5 least one read/write device (SLG) and at least one  
mobile data memory (MDS), in particular in an  
identification system having at least one mobile data  
memory (MDS) which is fitted to objects and is intended  
10 to detect object-related state and/or process data, for  
example in a system for dispatching, transporting  
and/or manufacturing the individual objects, in which  
the read/write device (SLG) and/or the mobile data  
memory (MDS) has/have at least one register area for  
15 entering data information relating to the quality of  
data transmission between the read/write device (SLG)  
and the mobile data memory (MDS), and in which this  
register area is read by at least one external computer  
user station (4) for the purpose of checking the  
20 quality of data transmission between the read/write  
device (SLG) and the mobile data memory (MDS).

2. The method as claimed in claim 1, in which the  
external computer user station (4) is connected to the  
read/write device (SLG) for the purpose of transmitting  
25 data.

3. The method as claimed in claim 2, in which the  
external computer user station (4) is connected to the  
read/write device (SLG) via a connection module (2).  
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4. The method as claimed in claim 2 or 3, in which  
the external computer user station (4) is connected to  
the read/write device (SLG) via a controller (3).

35 5. A read/write device (SLG) for using a method for  
checking the quality of data transmission between at  
least one read/write device (SLG) and at least one  
mobile data memory (MDS), in particular for using a

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method as claimed in one of claims 1 - 4, having

at least one register area for entering data information relating to the quality of data transmission.

- 5 6. The read/write device (SLG) as claimed in claim 5, in which the register area is associated with at least one corresponding register area in at least one mobile data memory (MDS) for the purpose of interchanging data.

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7. A mobile data memory (MDS) for using a method for checking the quality of data transmission between at least one read/write device (SLG) and at least one mobile data memory (MDS), in particular for using a  
15 method as claimed in one of claims 1 - 4, having at least one register area for entering data information relating to the quality of data transmission.

8. The mobile data memory (MDS) as claimed in claim  
20 7, in which the register area is associated with at least one corresponding register area in at least one read/write device (SLG) for the purpose of interchanging data.